

## ABSTRACT OF THE DISCLOSURE

A method and a processing unit for adjusting the characteristic curve of the exposure sensitivity of at least one pixel of at least one image sensor in a motor vehicle are described.

The optimal characteristic curve of the exposure sensitivity is determined from the histogram of the gray values of at least one image as a function of image signals from at least one image sensor. The freely definable characteristic curve of the image sensor having linear segments is chosen so that it agrees at least approximately with the optimal characteristic curve. Along with the size and/or the position of the characteristic curve of the exposure sensitivity, alternatively or in addition the shape of the characteristic curve is adjusted.

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